**Geometry Assessment #1: The Geometry of Lines – Preparation Checklist**

Date of assessment: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Can you:**

\_\_\_\_ calculate the slope of a line…

\_\_\_\_ when given two points?

\_\_\_\_ when given the graph of the line?

\_\_\_\_ explain what the slope of a line actually tells us about the line?

\_\_\_\_ show whether a point is actually on a line? (Ex: Is (8, 7) on 2x – 3y = 10?)

\_\_\_\_ re-write an equation of a line into “y =” form? (Ex: 6x – 3y = 12 --> y = 2x – 4)

\_\_\_\_ write the equation of a line…

\_\_\_\_\_ when given the slope and y-intercept?

\_\_\_\_\_ when you have to figure out the slope and / or y-intercept?

\_\_\_\_ explain the relationship between the slopes of parallel and perpendicular lines?

\_\_\_\_ determine whether two lines are parallel, perpendicular, or neither parallel nor

perpendicular?

\_\_\_\_ write equations of parallel and perpendicular lines? (Ex: write the equation of a

line parallel to \_\_\_\_ that goes through \_\_\_...)

**To prepare, I:**

\_\_\_\_ went through the checklist above to see what I know well and what I need more

support with

\_\_\_\_ got extra help from Rodriguez

\_\_\_\_ collected and reviewed all necessary handouts/notes:

\_\_\_\_ “The Geometry of Lines”

\_\_\_\_ “Parallel and Perpendicular Lines I”

\_\_\_\_ “Graphing Lines”

\_\_\_\_ “Writing Equations of Lines”

\_\_\_\_ “Equations of Parallel and Perpendicular Lines”

\_\_\_\_ re-did all old exercises from old HW assignments / analyzed my mistakes

\_\_\_\_ prepared at least 10 minutes every night before the assessment

\_\_\_\_ studied with someone else in class

\_\_\_\_ asked Rodriguez for more practice exercises

\_\_\_\_ made a list of questions that I still have about the material and then got answers to

them